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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/638,096	08/07/2003	Levik Kodaverdian	Bona US 4 CVL	3381
7590 06/27/2005			EXAMINER	
KLAAS, LAW, O'MEARA & MALKIN, P.C. 1999 Broadway, Suite 2225 Denver, CO 80202			SHAKERI, HADI	
			ART UNIT	PAPER NUMBER
			3723	

DATE MAILED: 06/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

SP

Office Action Summary	Application No. 10/638,096	Applicant(s) KODAVERDIAN ET AL.	
	Examiner Hadi Shakeri	Art Unit 3723	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9, 11-13, 15-24, 26-28 and 30-34 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-9, 11-13, 15-24, 26-28 and 30-34 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 03/30/05 has been entered.

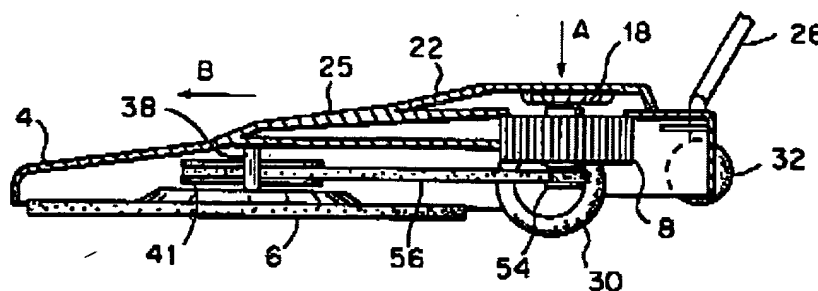
Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 4, 9, 11-17, 20-24, 26-28, 30, 31, 33 and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gurstein et al. in view of anyone of Barous, Palushi or Stewart.

Gurstein et al. discloses all of the limitations of claims 1 and 17, i.e., a floor edger



comprising a first housing (shroud 4) including a first opening and a rotatable abrasive disc (6) located in said opening, said rotatable abrasive disc having a diameter greater than six inches, and a motor (8) operatively connected to said first housing and drivingly connected to said abrasive disc located at least partially in a second opening; a motor controller (25) as discloses

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in col. 6, lines 33-47 considered to meet all the limitations of claim 17, wherein a fan (18) drivingly connected to the motor and located in the first housing on the shaft (20) between motor (8) and the pulley (54) (05:65-67), except for disclosing a third opening or a port in the first housing wherein an air path is defined between the port and the first opening through the fan.

Vacuum ports to withdraw dust and debris are known in the art as evident by Barous, Palushi or Stewart. It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to modify the invention of Gurstein et al. with a port and vacuum device as taught by anyone of Barous, Palushi or Stewart to collect the generated dust and debris.

Regarding claims 4-8 and 20-23, Gurstein et al. meets the limitations, e.g., col. 3, line 46 (US 5,004,944); 2.5 hp.

Regarding claims 9, 11, 13, 15-16 and 24-26, 28, 30 and 31, Gurstein et al. meets the limitations, e.g., second housing frame (3).

4. Claims 2-8, 18-23, and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Prior Art (Gurstein et al. in view of anyone of in Barous, Palushi or Stewart) as applied to claims 1 and 17 above, further in view of McCutchen (6,540,598).

Gurstein et al. modified by anyone of in Barous, Palushi or Stewart indicated above meets all the limitations of the above claims, except for the specific size of the disc, weight of the edger, rpm and hp of the motor. The edger as disclosed is dimensioned and proportionally sized for a disc having 20" diameter, therefore modifying or proportionally downsizing the edger of Prior Art, for a disc of about 7", a common commercially available size as evident by McCutchen (col. 3, line 46), depending on the workpiece and or operational parameters, e.g., grinding small or hard to reach areas, a modification well within the knowledge of one of

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ordinary skill in the art, would reduce the weight if not three times smaller, sufficiently lighter to meet the limitations as recited.

Regarding claims 2, 3, 18 and 19, Prior Art further modified in view of McCutchen, i.e., for use with a smaller pad, e.g., 7" depending on workpiece and/or operational parameters meets the limitations, since pads having 6 to 8 inch diameters are common in the art.

Regarding claims 4-8 and 20-23, even though modified Prior Art further is considered to meet the limitations, however in the alternative, it is also noted it would have been obvious to one having ordinary skill in the art at the time the invention was made to use the specific motor having desired specification, e.g., rpm, hp for an intended use, since it has been held that where the general conditions of a claim are disclosed in the prior art, discovering the optimum or workable ranges involves only routine skill in the art. *In re Aller*, 105 USPQ 233.

Response to Arguments

5. Applicant's arguments filed 03/30/05 have been fully considered but they are not persuasive.

The argument that Gurstein does not disclose all of the limitations of now amended claims 1 and 17, is not persuasive since Gurstein modified for a port would meet all of the limitations, e.g., third opening.

In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986).

The argument that Gurstein does not disclose all of the limitations of claims 15, 16, 30 and 31, i.e., the handle is attached to the first housing and not the second is not persuasive

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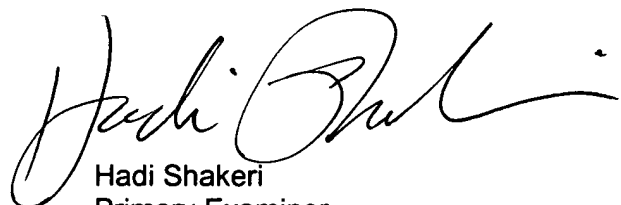
since Gurstein discloses, e.g., in Fig. 6, or (07:35-37) that the handle (26) is attached to frame (3) through slots in shroud (4).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hadi Shakeri whose telephone number is (571) 272-4495. The examiner can normally be reached on Monday-Friday.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Hadi Shakeri', with a stylized flourish at the end.

Hadi Shakeri
Primary Examiner
Art Unit 3723
June 22, 2005